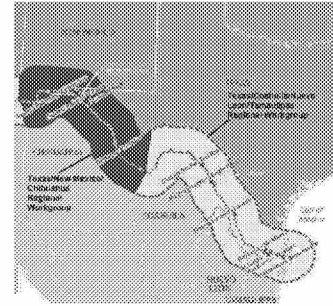


## Texas-Coahuila-Nuevo León- Tamaulipas Regional Workgroup



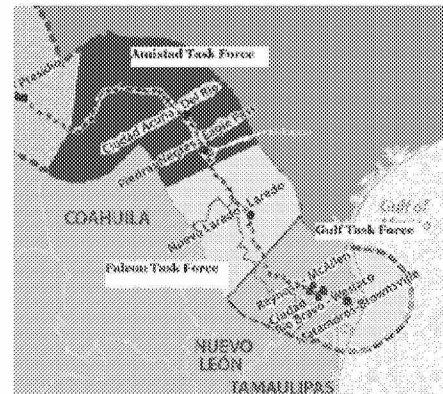


# Regional Workgroup Overview

The Four-State Regional Workgroup is the most complex of the four regional workgroups because of its geographical extension and the number of municipalities.

The region includes parts of three states and at least 29 municipalities on the Mexican side and 168 cities and towns on the U.S. side. Recognizing this, the workgroup divided itself into three geographically-based Task Forces—Amistad, Falcon, and Gulf—each of which established subject-specific committees related to its priority concerns.

Border 2020 has five goals and the regional work groups propose projects to implement these goals. These projects are tracked in two-year revolving work plans. Projects are organized by Border 2020 goals and objectives.





# Regional Workgroup Overview

RWG is separated into three regions (806 miles or 1,296 km) or task forces:

## **Amistad**

- Waste, Env, Education & Health, Emergency Response Preparedness Committees

## **Falcon**

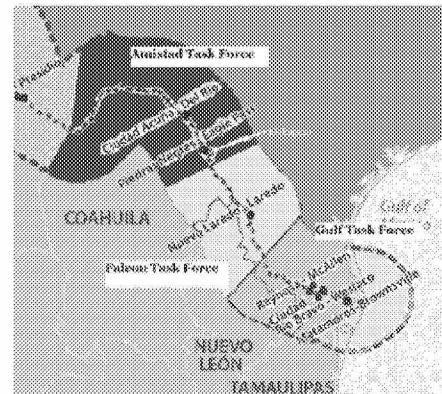
- Waste, Water, Env, Education & Health, Emergency Response Preparedness Committees

## **Gulf**

- Waste, Water, Env, Education & Health, Emergency Response Preparedness Committees

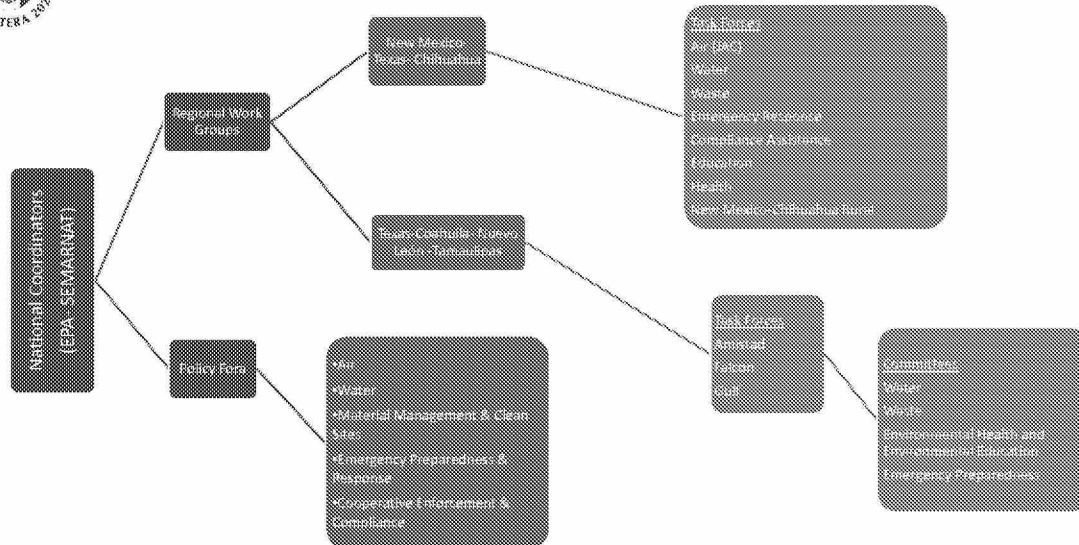
Key community populations:

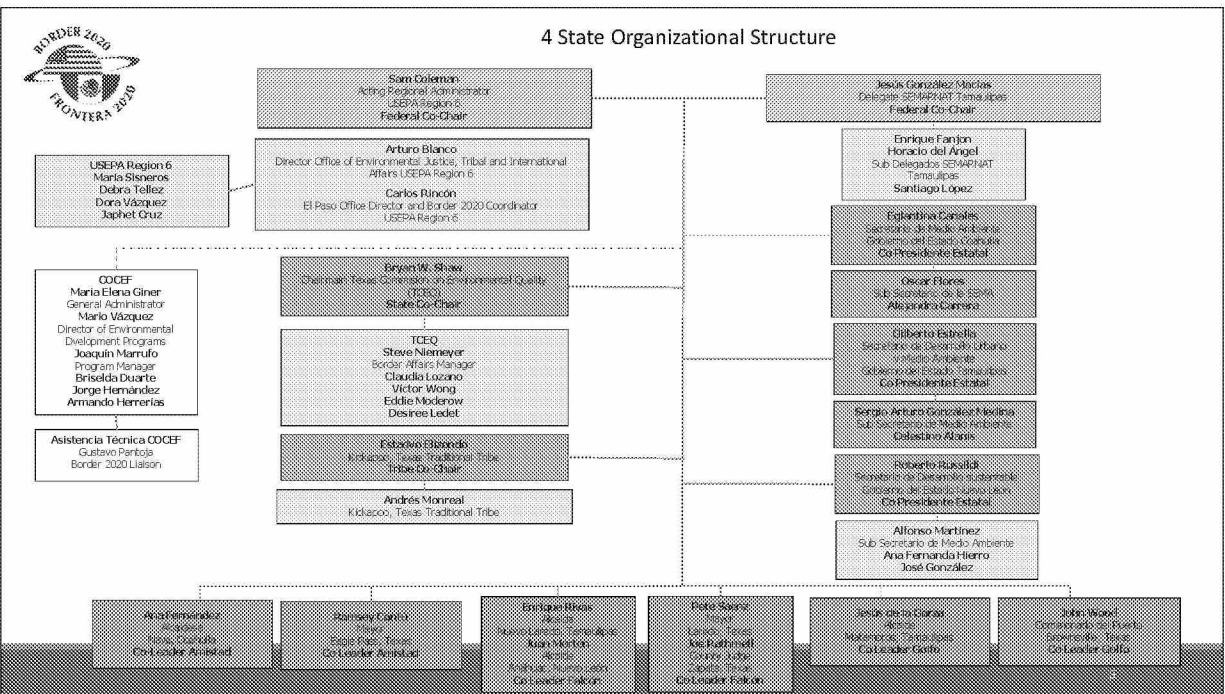
- 168 Cities and towns on the U.S.
- 29 Municipios on the Mexican Side





## Border 2020 Region 6 Organizational Structure







## Leadership Roles: Border 2020 4-State Regional Workgroup

Texas-Coahuila-Nuevo  
León-Tamaulipas

### Co-Chair: Regional Workgroup

- Prioritize regional environmental issues and recommend issues beyond regional scope to be addressed by Border 2020 policy fora
- Help facilitate projects when necessary, by convening local, state, and tribal governments, academia, NGOs, and the public
- Represent the regional workgroup at the Border 2020 national coordinators meeting and in formal communication with partner organizations

Arizona  
Battion  
Gulf

### Co-Leader: Task Force

- Act as a spokesperson for the task force and answer questions from the public or media
- Convene public task force meetings a minimum of once per calendar year and additional meetings as necessary
- Coordinate and communicate with local leaders in the task force area to encourage their input
- Identify environmental issues within the task force area following the Border 2020 goals and objectives and use the Border 2020 tools to address task force priorities
- Assist the staff of the federal and state agencies in identifying co-facilitators for each of the established committees
- Attend an annual meeting of the four-state regional workgroup and share information about the task force's progress with the co-chairs and fellow co-leaders
- Lead the committees in working with federal and state agencies to draft the 2-year action plan

Water  
Health  
Environmental Health  
and Environmental  
Protection  
Emergency  
Preparedness

### Co-Facilitator: Committee

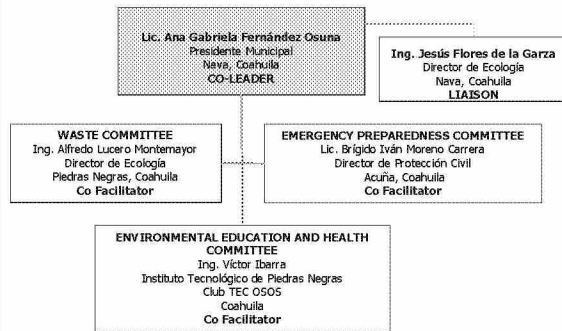
- Ensure adequate representation of regional specialists and stakeholders in committee activities
- Provide leadership inspiring consensual identification of priority activities or projects that will help the committee fulfill the goals and objectives of Border 2020, as outlined in the framework booklet
- In cooperation with their counterpart co-facilitator, agree on dates and places for committee meetings, engage in public outreach to achieve strong attendance at those meetings, and preside over those meetings (at least once each year)
- Serve as a technical advisor to the local, state, and federal authorities on issues in which your committee is involved
- Serve as a liaison between local, state, and federal participants to effectively communicate the priorities and strategies to the task force co-Leaders and the staff of federal and state agencies
- Work with federal and state agencies to draft the 2-year action plan



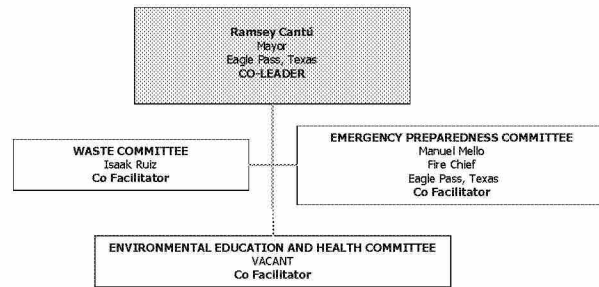
## Amistad Task Force



### MEXICO COMMITTEE

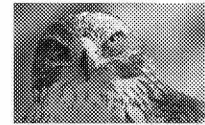


### United States COMMITTEE

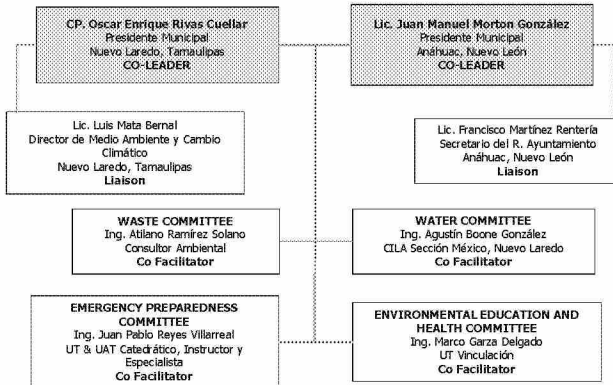




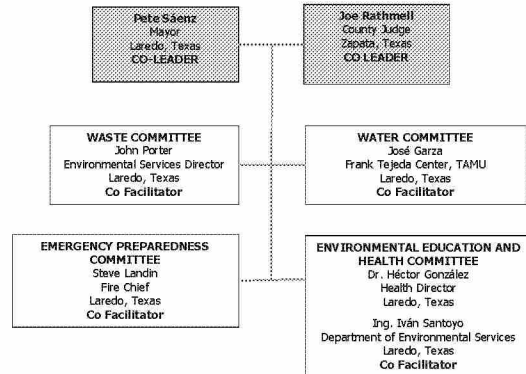
## FALCON TASK FORCE



### MEXICO COMMITTEE



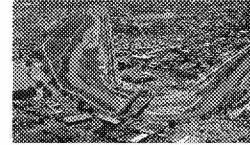
### UNITED STATES COMMITTEE



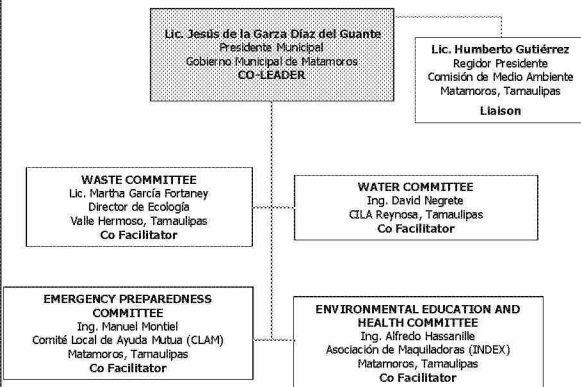




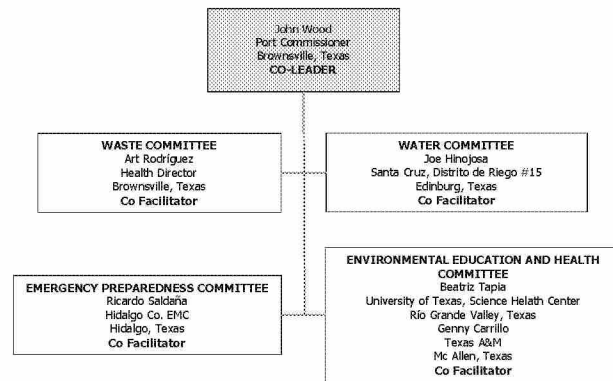
## GULF TASK FORCE



### MEXICO COMMITTEE

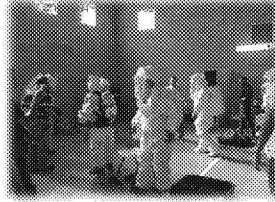
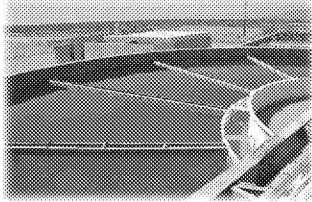
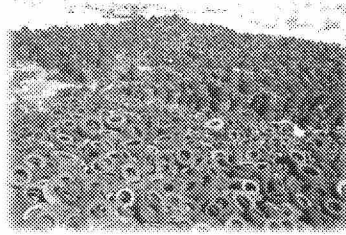
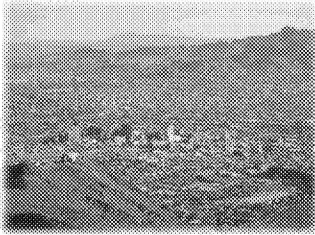


### UNITED STATES COMMITTEE





## **Regional and Local Priorities**



BY ALPHY CHAN, PHD, PRESENTED FOR ALUT, 2010-11

19



## Regional Priorities for 2017-2018

### Goal 1: Air

- i. Implement atmospheric monitoring programs under the same criteria of analysis and promote the dissemination of results in the four states
- ii. Set actions in accordance with the public policies of micro and macro-economic analysis of climate change state programs
- iii. Promote the implementation of the PROAIRE air quality program and its strategies in the border communities

### Goal 2: Water

- i. Keep improving energy efficiency for water operators in border municipalities
- ii. Continue the water conservation programs and encourage the reuse of treated water for irrigation
- iii. Strengthen wastewater sanitation programs and actions
- iv. Disseminate green infrastructure actions for sustainable development of border communities



## Regional Priorities for 2017-2018

### Goal 3: Materials & Waste Management

- i. Increase institutional capacity at the local and state levels for sustainable practices in solid waste management
- ii. Develop collection and comprehensive waste management programs for used electronics for municipalities in the border area
- iii. Improve collection and comprehensive waste management programs for proper disposal of household hazardous waste for municipalities in the border area
- iv. Continue efforts to implement comprehensive scrap tire management programs
- v. Strengthen operations of the sanitary landfills in border municipalities, with plans to capture and take advantage of the biogas and convert to energy
- vi. Develop comprehensive actions to eliminate unauthorized open-air dump sites
- vii. Encourage municipal programs for holistic waste management



## Regional Priorities for 2017-2018

### Goal 4: Emergency Preparedness & Response

- i. Continue the binational relationship in emergency response for training, equipment and drills
- ii. Promote the creation of risk atlases for waste management and hazardous materials in border communities
- iii. Carry out the required border studies for the protection of local communities
- iv. Generate a diagnosis of equipment, training, and ability to respond to an emergency in border municipalities

### Goal 5: Compliance & Environmental Stewardship

- i. Implement binational workshops targeted to environmental enforcement professionals, including ports-of-entry customs professionals, to promote the exchange of information and improve understanding of each country's respective compliance and enforcement programs
- ii. Promote the updating, sharing and application of municipal environmental regulations in border communities
- iii. Carry out the land management plans in the states and municipalities along the border region
- iv. Establish regulatory and operational mechanisms for the control of wild hogs



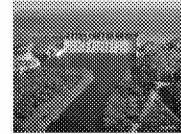
# Fundamental Strategies

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- I. Promote actions and environmental education programs on waste, recycling, water and fauna in the Kickapoo reservation
- II. Implement a study related to the handling and disposal of used accumulators and their impact on public health
- III. Establish a binational bilingual program for education purposes on environmental and public health topics according to regional priorities.
- IV. Leverage with other Federal, State, Local, Non Profit and Private Sector



# Amistad Task Force Priorities



## Goal 1: Reduce Air Pollution

- i. Establish and strengthen vehicle emissions programs in Acuña, Piedras Negras and Nava
- ii. Promote initiatives to develop energy efficiency and reforestation programs in the industrial sector in Acuña and Piedras Negras
- iii. Promote the implementation of strategies by the SEMARNAT PRO AIRE air quality program in Acuña, Piedras Negras and Nava

## Goal 2: Improve Access to Clean and Safe Water

- i. Conduct water quality monitoring of tributaries along the Río Grande in Acuña and Piedras Negras
- ii. Develop Fats, Oils and Grease (FOG) workshops in Acuña and Piedras Negras, replicating the model in Laredo
- iii. Promote and develop green infrastructure projects and water conservation programs in Acuña and Piedras Negras



## Amistad Task Force Priorities

### Goal 3: Promote Materials Management, Waste Management and Clean Sites

- i. Promote the implementation of integrated solid, household hazardous waste and used electronic programs in Acuña and Piedras Negras
- ii. Strengthen scrap tire management programs and promote scrap tire reuse for projects in Acuña and Piedras Negras
- iii. Promote initiatives to develop plastic bag reduction programs in Acuña and Piedras Negras

### Goal 4: Enhance Joint Preparedness for Environmental Response

- i. Conduct water quality monitoring of tributaries along the Rio Grande in Acuña and Piedras Negras
- ii. Develop Fats, Oils and Grease (FOG) workshops in Acuña and Piedras Negras, replicating the model in Laredo
- iii. Promote and develop green infrastructure projects and water conservation programs in Acuña and Piedras Negras





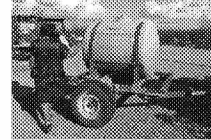
## Amistad Task Force Priorities

### Promote Cross-Cutting Efforts Related to Environmental Health & Environmental Education

- i. Develop awareness programs on vector borne illnesses such as Zika and Dengue virus in Acuña and Piedras Negras
- ii. Launch a binational environmental education program on recycling, energy efficiency and water conservation in Eagle Pass and Piedras Negras using social and broadcast media



# Falcon Task Force Priorities



## Goal 1: Reduce Air Pollution

- i. Develop emissions inventory in Tamaulipas border communities and strengthen air quality monitor programs
- ii. Establish an automatic air quality monitoring station in Nuevo Laredo
- iii. Incentivize members of industry associations and the Nuevo Laredo chamber of commerce to implement energy efficiency projects
- iv. Develop climate change programs in Nuevo Laredo and Anahuac
- v. Develop air quality mitigation measures by reducing wait times and idling of vehicles, at the Laredo and Nuevo Laredo international bridges
- vi. Establish a vehicle emissions program for imported vehicles crossing into Nuevo Laredo

## Goal 2: Improve Access to Clean and Safe Water

- i. Promote and train households on best practices related to the management of Fats, Oil and Grease (FOG) waste in Laredo
- ii. Conduct an assessment on water and wastewater needs in rural areas in Webb County and provide training to water and wastewater operators in these areas
- iii. Establish green infrastructure, water conservation and wastewater reuse programs to irrigate green areas in Nuevo Laredo and Laredo



## Falcon Task Force Priorities

### Goal 3: Promote Materials Management, Waste Management and Clean Sites

- i. Strengthen compliance and enforcement programs to eliminate illegal dumpsites in Nuevo Laredo
- ii. Develop an environmental education program to promote solid waste management and recycling tools in Laredo, Anáhuac and Nuevo Laredo
- iii. Promote and strengthen alternative markets for scrap tire disposal and reuse in Nuevo Laredo, Anáhuac and Laredo
- iv. Coordinate simultaneous household hazardous waste programs every two years in Laredo and Nuevo Laredo, to increase the level of participation by residents
- v. Conduct a study to develop a facility to dispose construction waste in Nuevo Laredo
- vi. Promote the integrated solid waste management program and establish a plastic bag reduction program in Nuevo Laredo

### Goal 4: Enhance Joint Preparedness for Environmental Response

- i. Provide training to Nuevo Laredo emergency responders on hazardous materials and coordinate a binational tabletop and joint contingency exercise between Laredo and Nuevo Laredo



## Falcon Task Force Priorities

### **Goal 5: Enhance Compliance Assurance and Environmental Stewardship**

- i. Provide training to Nuevo Laredo officials on environmental compliance and enforcement tools and work with Tamaulipas officials to update local environmental ordinances

### **Promote Cross-Cutting Efforts Related to Environmental Health & Environmental Education**

- i. Develop a binational environmental awareness program on energy efficiency, water conservation, recycling and prevention of vector borne illnesses in Laredo and Nuevo Laredo



# Gulf Task Force Priorities



## Goal 1: Reduce Air Pollution

- i. Develop the Climate Change Programs in the Mexican municipalities of Valle Hermoso, Rio Bravo, Reynosa and Matamoros
- ii. Strengthen the programs of atmospheric monitoring and development of an emission inventory and make operable three PM 10 monitors to collect emission data and compare air quality in nearby areas in Reynosa

## Goal 2: Improve Access to Clean and Safe Water

- i. Conduct a study regarding the presence of chromium in the management and management of drinking water in the border area
- ii. Carry out a study and monitoring in the lower Rio Bravo / Rio Grande regarding the salinity of the water and disseminate the results
- iii. Educate residents and commercial users on industrial, oil and grease wastewater management and local pre-treatment and storm water ordinances
- iv. Establish actions of green infrastructure and water conservation through educational programs
- v. Establish permanent training programs for operators of wastewater treatment plants
- vi. Promote strategies for adequate wastewater management in Tamaulipas border municipalities



## Gulf Task Force Priorities

### Goal 3: Promote Materials Management, Waste Management and Clean Sites

- i. Generate comprehensive actions to identify and eliminate illegal trash dump sites
- ii. Test new equipment to collect waste from government buildings, hospital, schools and characterize and measure waste to properly develop a municipal waste management plan in Reynosa
- iii. Promote the integral waste management in the Mexican municipalities
- iv. Promote mechanisms for the management of waste tires, looking for alternatives for their recovery

### Goal 4: Enhance Joint Preparedness for Environmental Response

- i. Conduct 8 hr HAZMAT (29 CFR 1910.120) refresher training for Matamoros and Reynosa firefighters and 40 hour HAZMAT training for Rio Bravo and Valle Hermoso firefighters, tabletop and full mock exercise using skype and drone technology
- ii. Develop a risk analysis in the Harlingen and Los Indios point of entry
- iii. Organize a knowledge exchange workshop to assess equipment inventory and training needs, improve communication and emergency response capacity of Hidalgo and Cameron counties and Mexican border municipalities in the Gulf area
- iv. Establish a real-time warning system on the water quality conditions of the lower Río Grande / Río Grande with the objective of generating preventive actions in case of a contingency



## Gulf Task Force Priorities

### Promote Cross-Cutting Efforts Related to Environmental Health & Environmental Education

- i. Implement a bilingual environmental education program in the area of waste recovery
- ii. Promote community programs to strengthen public health actions in border municipalities and rural communities, particularly in infants and their risks in their homes
- iii. Develop a study that identifies the five top main risks on environmental health in border communities

## Border 2020 Active Grants

AVAILABLE FUNDS REGION 6 B2020 Coop Agmts (as of December 2016)							
COOP AGMTS	Amount (thousands)	934	974	905	108	335	Balance
	Awarded	Sept 2012	Sept 2011	Aug 2015	Jan 2014	Sept 2014	
	Expires	Dec 2017	Feb 2017	Aug 2017	Dec 2017	Aug 2017	
TASKS	RFP	\$3,585	\$0	\$33,117	\$0	\$0	\$36,702
	Projects	\$119,658	\$0	\$382,846	\$0	\$16,565	\$519,069
	Logistics	\$16,036	\$4,829	\$65,000	\$22,281	\$0	\$108,146
	BECC Presence	\$5,556	\$0	\$0	\$1,818	\$0	\$7,374
	Indirect Cost	\$14,484	\$482	\$48,096	\$2,410	\$1,656	\$67,129
Total		\$159,320	\$5,311	\$529,059	\$26,509	\$18,221	\$738,420



# Amistad Task Force Projects

# Falcon Task Force Projects

# Gulf Task Force Projects

Project name: Alamo Recycling Team Includes Everyone (ARTIE)

Description: Alamo's recycling solid waste systems improvements through a holistic approach project.

Identified Goal: Promote Materials Management, Waste Management and Clean Sites

Date Completed: April 2016